T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
	0.60	12.00	
	0.60	13.20	
	0.60	13.20	
		38.40 Cum	
		182.82 Cum	
		221.22 Cum	
		214.00 Cum	

BR/595/31.1.14 ABE(H)SBR165/13.14 dt 31-1-14

M.A.R. 57 (Rule 116)

Measurement Book No. C/09

A/S. No. 95/13-14 dt 30.10.13

Serial No. T/S. No. 100/13-14 dt 30-10-13. 120493

Name of work... Agreement No. 146 From 3.14 dt 30/12/13 to.....

Name of Contractor of nature of Agency.....

Date of commencement of work..... WORK STARTED ON:- 30.12.2013.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Date of	completion - 30/1/2014						
	I & final Bill	Recorded on:- 10.01.2014.					
	Name of the work:- Construction of RCC drain in 8th cross AECS layout Inward-18.						
	Estimate cost:- Rs. 10.00 lacks., JOB NO:- 018-14-000011.						
	Work order NO:- CE/H/AE/WO-146/13-14 date 30.12.2013.						
	Agency:- Sri. M. Murali Mohan. Bangalore.						
(1).	Earthwork excavation for foundation & buildings, Culverts, either in pits or in trenches 1.50m and above in width, in ordinary soil not exceeding 1.50m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m after breaking of clods complete.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	8th Hwy AECS layout (Drain)	A/S -	1 x 64.00	x 1.00	x 0.75.	= 63.00.	
		R/S -	1 x (35.00 + 36.00)	x 1.00	x 0.75	= 53.25.	
	Over burden earth.-		1 x 100.00	x 0.60	x 0.60	= 102.15	
						218.40 Cum.	
						@ 140.00 Rs. 30576.00	
(2)	providing and laying in position plain cement Concrete mix M.7:5 with OPC Cement using 40 mm nom size graded granite metal CA @ 0.85 cum and FA @ 0.57 cum machine mixed, Concrete laid in layers not exceeding 15 cms thick, well compacted in foundation and plinth including Cost of all materials, Labour, Hire of machinery including Curing Complete as per Specification.						
	8th Hwy AECS layout.	A/S -	64.00	x 1.00	x 0.15 =	12.60	
		R/S -	1 x (35.00 + 36.00)	x 1.00	x 0.15 =	10.65	
						23.25 Cum.	
	Quantity limited to 21.38 Cum @ 3800.00 Rs. 81244.00						

M.A.R. 5

Measu

Serial No.....

Name of work.....Fro

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
6	providing Tor Steel deli including straightening, cut in position lapping or welding with binding wires and ar members wherever necessa including Cost & materi as per Specifications.	L -
	(10 mm Tor Steel Both way)	Dist -
	1907.60 Rmt @ 0.62 kgs/	

T BOOK

sions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
× 1.00 ×	0.75.	= 63.00.	
36.00) ×	1.00 × 0.75	= 53.25.	
0.60 × 0.	60	= 102.15	
		218.40 Cum.	
		@ 140.00 Rs.	30576.00

ition plain cement Concrete
ning 40 mm and down
0.85 cum and FA @ 0.57 cum
n layer in not exceeding
foundation and plinth
bour, tools & machinery
& specification.

× 0.15	=	12.60	
5.00) × 1.00 × 0.15	=	10.65	Cancel
		23.25 Cum.	Allowed
800.00	Rs.	81244.00	AEE (H)

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

120494

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
6	(5) Providing Tor steel reinforcement for RCC work including straightening, cutting, bending hooking placing in position lapping or welding wherever required tying with binding wires and anchoring to the adjoining members wherever necessary complete as per design. including cost & materials, machineries complete as per Specifications.						
	(10 mm Tor steel Both way)	⌴ -	(560+472)	× 2.20 m	=	2272.60	
		Dist -	17 × 84.00		=	1428.00	Cancel
			17 × (35.00+36.00)		=	1207.00.	Allowed AEE
						4907.60 Rmt	10/1
	4907.60 Rmt	@ 0.62 kgs/Rmt =				3042.71 kgs.	30.42 Quantals.

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
30.42	Quantity.		
	@ 7000.00		Rs. 212940.00
01.2014.			
tering, Shuttering, Striking			
m work for vertical			
thickness, including			
rel Cost of all materials			
ecification.			
0.60 =		201.60	
36.00) x 0.60 =		170.40	
		372.00 m³	
0.00		Rs.	89280.00
			E.

M.A.R. 57 (Rule 116)

Measurement Book No. C/09

120495

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4 (2)	providing and laying RCC nominal mix M-20 machine mixed, Concrete Leveling Layers not exceeding 15cm thick, Vibrated for all works in foundation plinth and ground floor level for walls, (any thickness) including attached plasters, String or lacing courses, Bed blocks, including Cost of all materials, Labour, Hoist & machineries Curing complete as per specifications.						
	Bottom Slab.	1	84.00	0.80	0.15	= 10.08	
		1	(35.00+36.00)	0.80	0.15	= 8.52	
	Side walls.						
		2	84.00	0.65	0.15	= 16.38	
		2	(35.00+36.00)	0.65	0.15	= 13.84	
						48.82 Cum	

E.E (H)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity limited to 47.50 Cum @ 5200.00					Rs. 247000.00	
						Σ.	
	Measurements Continued on 29.01.2014						
(6)	Providing and fixing pre cast Solid Concrete Kerb Stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing Cutting etc. Complete of Size 45x20x40 cms.						
	TOTAL	212.00 nos			@ 300.00	Rs. 63600.00	
						Σ.	
(7)	Providing and Laying in position reinforced Cement Concrete Covering Slab's made out of mix 1:1½:3 with 40mm and down size granite metal mixed Concrete laid						

M.A.R.
Mea

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	in Layers not exceeding	
	Cost of materials, labour C	
	in position including transp	
	Specifications.	
		1X (54.
		Only fin
(8)	Conveying the excavated	
	including loading and u	
	with all Lead & lift.	
		Only with

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(9).	Painting two coats Sythatic enamel henthy plastered Concrete Surfaces with materials, labour Complete as per Specification. after filling the Surface with paint in approved shades on						
		1	X (84.00 + 35.00 + 36.00)	X 0.30 / 0.50	=	34.50 m²	
	Quantity limited to 28.50 m²					@ 50.00 Rs.	1425.00
						TOTAL -	~~8,48,920.00~~ 8.91641-
	Executed 29/1/14						
	Certificates:-						
(1)	This is to certify that the work has been Completed Satisfactorily by the Contractor.						
(2)	This is to certify that all the debris from the work spot has been Complete cleared by the agency.						

BR.595/31-1-14

M.A.R.

Meas

Serial No.....

Name of work..... Construction of drain in 8 ... Fr

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	Layout Map Showing work done	
	→ ~~SSMT~~ drain	
	← Sanjanagar Mn R...	
	AECS layout	84.0

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
the Surjale with			
pproved Shades on			
with materials,			
fication.			
+36.00) X	0.50 / 0.40 =	84.50 m²	
m²	(0 50.00	Rt. 142.00	
		TOTAL -	8,48,920.00
			8.9164/-
1.1.14			
dgt been Completed			
28.			
ebris from the work			
anel by the agency.			

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

BR.595/31-1-14

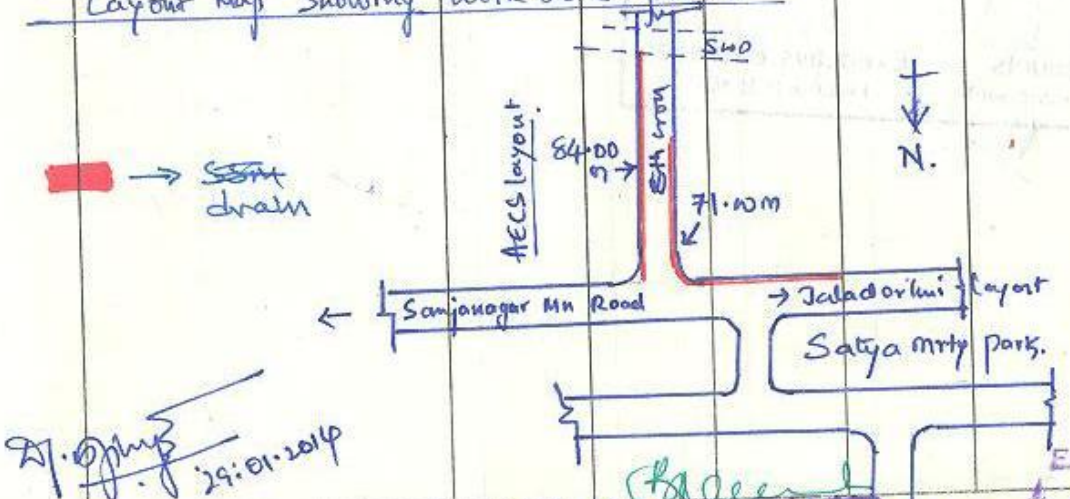
Serial No.....

Name of work..... Construction of drain in 8th Cross AECS Layout From..... To..... 120497 in ward No.18.

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Layout Map Showing work done portion.						



29.01.2014

Executive Engineer,
Hebbal Division,
Bruhat Bangalore Mahanagara Palike

BR/595/31-1-14.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2		4	5	6	7	8
	Grant 2013.						

Head of Account P:1771 Emergency
Audited & Admitted for Rs. 8916.41-
Passed for Rs. 8916.41-
825417-00 By Cheque
By Adjustment Rs. 6624-00
Accounts Superintendent
Executive Engineer Hebbal B.B.M.P.

Total Rs. 891641-00
ST- 8916-00
VAT- 35666-00
Cess- 10,000-00
CST- 892-00
Royalty -10750-00
Adj - 66224-00
Cheque- 825417-00.

M.A.R.
Meas

Serial No.....
Name of work.....Fr
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3